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Attention:  
**Examiner, Timothy C. Vanoy,**  
**Supervisor: Stanley Silverman**

Art Unit: 1754

Appl.#:09/525,176  
Filing date:03/14/2000  
Continuation in Part of Application 08/595,040  
Now US Patent 6,090,312

09/525176

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March 27, 2003

Response to Office Action, mailed Jan/09/2003

Title: PERMREACTOR AND SEPARATOR TYPE FUEL PROCESSORS FOR  
PRODUCTION OF HYDROGEN AND HYDROGEN, CARBON OXIDES MIXTURES

This is our response to the last Office Action mailed on Jan. 09, 2003 with regard to patent application #09/525,176, filled on 03/14/2000. The applicants have followed the instructions of the Examiner of the Last Office Summary Action and have made the necessary amendments into the application for allowance.

Claims 134, 135, 136, 137, 152, 153, 154, 155, 170, 171, 172, 173 have been amended according to the instructions and the applicants petition and appeal for their allowance at this time. The inventors support these claims to be patentable. There is no reason for obviousness rejection of these claims. This is because the Japanese Patent Document No. 04-182,302A claims a method of manufacturing hydrogen taking place in two different vessels and not in one integrated vessel as the inventor's current invention does. Moreover, in the Japanese document the stream which is passed via the cooler for

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